Engineering data (WIN 777)		
DC bus voltage	36	V DC
Nominal AC voltage	25	V AC (rms)
Rated voltage	19	V AC (rms)
Rated power	160	W
Rated speed	3000	rpm
Rated torque	0.51	Nm
Rated current	7.65	A (rms)
Peak torque	2.08	Nm
Peak current	33.2	A (rms)
Stall torque	0.54	Nm
Stall current	7.6	A (rms)
No load speed	5710	rpm
EMF constant ±10%	4.3	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.07	Nm / A (rms)
Torque constant ±10% @ rated load	0.07	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.23	ms
Winding terminal resistance	0.62	Ω
Rotary field terminal inductance	0.76	mH

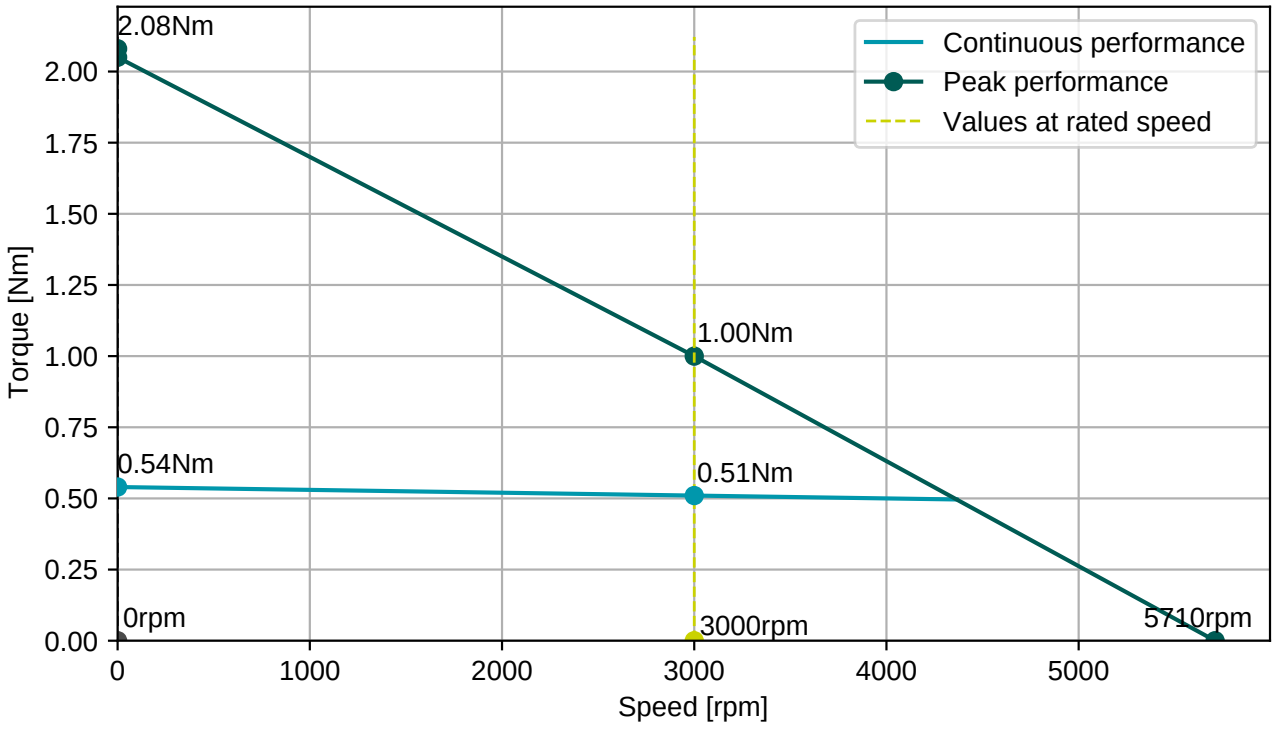
Customs info	
HS Code	85015100

Mechanical data (setting 5)		
Max mechanical speed	12000	rpm
Mech. time constant	1.49	ms
Thermal time constant	12	min
Rotor inertia	0.07	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	0.95	kg
Max. axial force 20kh	45	N
Max. radial force 20kh*	234	N
Max. axial force 100kh	26	N
Max. radial force 100kh*	137	N

** Defined for point of action at ½ output shaft length*

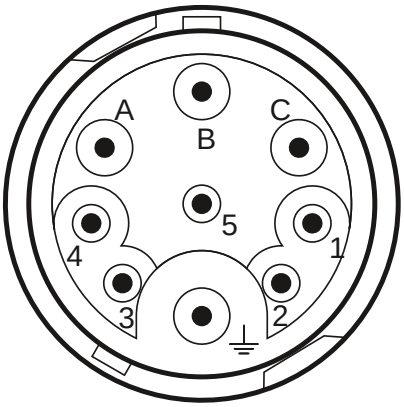
Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

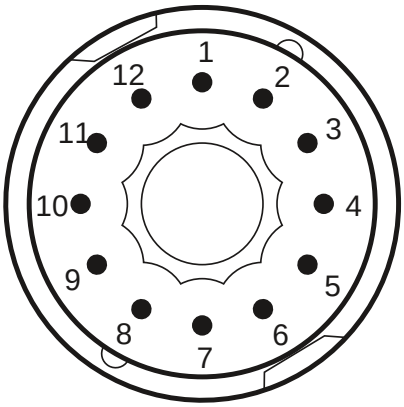
Torque / speed curve



EGA101N00000001000

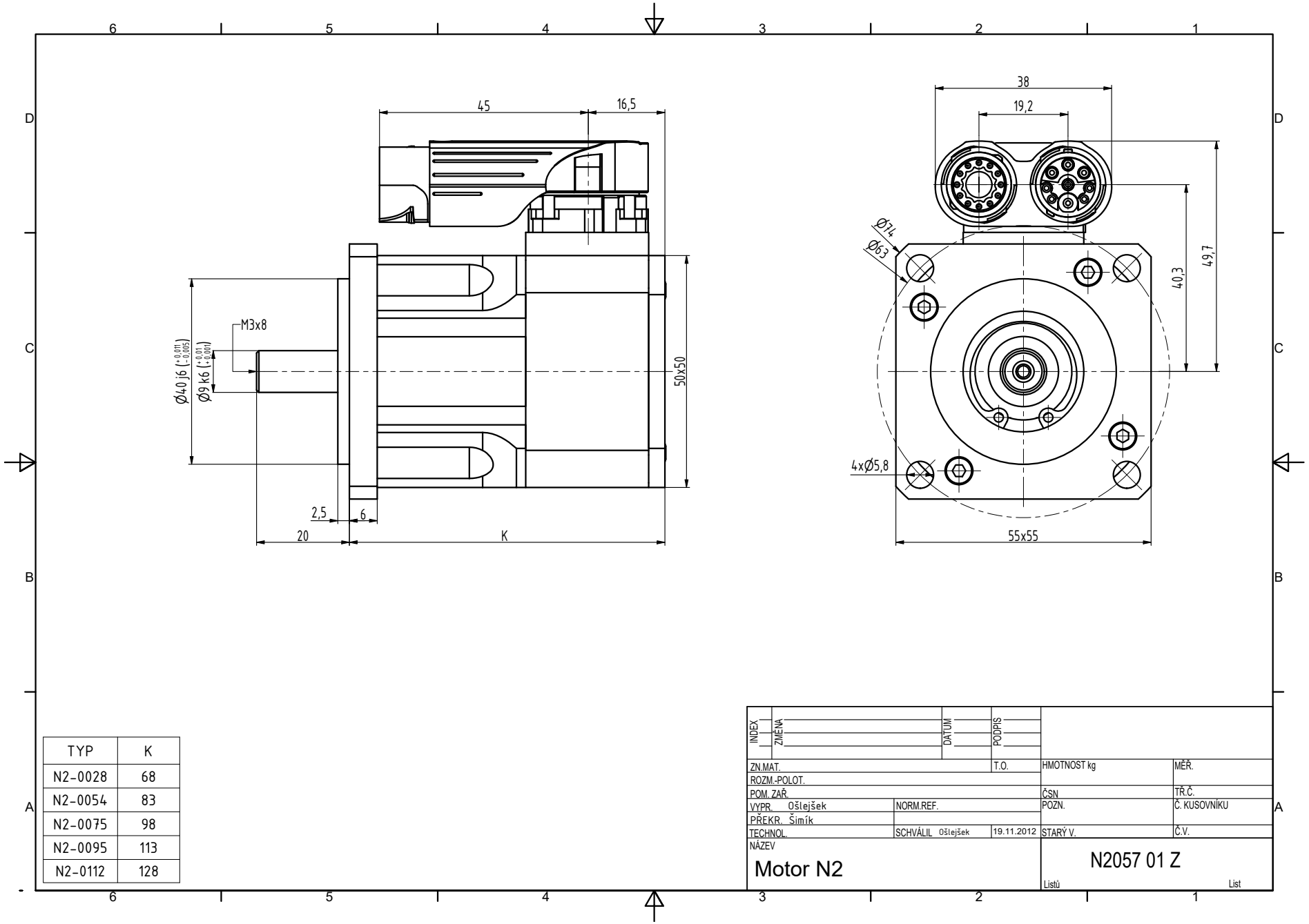
2x M15, 9 and 12 poles rotary





Connector 1 (226)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

Connector 2 (227)	
2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1



TYP	K
N2-0028	68
N2-0054	83
N2-0075	98
N2-0095	113
N2-0112	128

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
POM. ZAŘ.				ČSN	TŘ.Č.
VYPR. Ošlejšek	NORM.REF.			POZN.	Č. KUSOVNÍKU
PŘEKR. Šimík					
TECHNOL.	SCHVÁLIL Ošlejšek	19.11.2012		STARÝ V.	Č.V.

NÁZEV
Motor N2

N2057 01 Z

Listů List